

Atty. Docket No. 1596C9	Serial No. 09/---, --- 705575
LIST OF CITATIONS BY APPLICANT (Use several sheets if necessary)	Applicant: Ernest L. Lawton et al.
	Filing Date November 3, 2000

U.S. PATENT DOCUMENTS

Exam. Init.		Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
	AA	3,312,569	04/04/67	T. E. Philipps et al.	117	126	0
	AB	3,919,028	11/11/75	Lewis et al.	156	148	
	AC	4,247,364	01/27/81	Culp	162	136	
	AD	4,370,157	01/25/83	Barch et al.	65	3.43	
	AE	4,372,347	02/08/83	Olson	139	420	06/705575
	AF	4,390,647	06/28/83	Girgis	523	212	06/29/00
	AG	4,396,676	08/02/83	Brannon et al.	17	04	
	AH	4,514,466	04/30/85	Leon et al.	428	383	
	AI	4,532,054	07/30/85	Johnson	252	12.4	
	AJ	4,605,588	08/12/86	Simpson et al.	428	288	
	AK	4,642,271	02/10/87	Rice	428	698	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes	No
	AL	2 236 540 A	10/04/91	UNITED KINGDOM				
	AM	7-102483	04/18/95	JAPAN			X	
	AN	8-119682	05/14/96	JAPAN			X	
	AO	1203247A	1998	JAPAN				
	AP	9-208268	08/12/97	JAPAN			X	

OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	K. Loewenstein, <u>The Manufacturing Technology of Glass Fibers</u> , (3d Ed. 1993) at pp.30-44, 115-122, 126-135, 237-291
AS	<u>Encyclopedia of Polymer Science and Technology</u> , Vol. 6 (1967) at pp. 505-712
AT	R. Lewis, Sr., <u>Hawley's Condensed Chemical Dictionary</u> , (12th Ed. 1993) at pp.609-610, 1075, 461/425, 331, 793, 1113, 782-784, 305, 164, 141, 712, 435, 795.

Examiner	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE DISCLOSURE STATEMENT FORM (PTO 1449)

Atty. Docket No. 1596C9	Serial No. 09/----,---- 705375
LIST OF CITATIONS BY APPLICANT (Use several sheets if necessary)	Applicant: Ernest L. Lawton et al.
	Filing Date November 3, 2000 Group Art Unit 177

U.S. PATENT DOCUMENTS

Exam. Init.		Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
	AA	4,713,285	12/15/87	Klien et al	428	283	
	AB	4,750,806	06/14/88	Biswas	350	96.30	
	AC	4,762,750	08/09/88	Girgis et al.	428	378	
	AD	4,762,751	08/09/88	Girgis et al.	428	378	
	AE	4,795,678	01/03/89	Girgis	428	391	
	AF	4,806,416	02/21/89	Puzo	428	285	
	AG	4,869,954	09/26/89	Squitieri	428	283	
	AH	4,933,381	06/12/90	Hager	523	414	
	AI	4,948,662	08/14/90	Simpson et al	428	288	
	AJ	4,971,779	11/20/90	Paine, Jr. et al	423	290	
	AK	5,011,870	04/30/91	Peterson	523	220	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes	No
		AL	9-241397	JAPAN			X	
		AM	8-325950	JAPAN			X	
		AN	60209072A	JAPAN (Abstract)				
		AO	6248572A	JAPAN (Abstract)				
		AP	9087992A	JAPAN (Abstract)				

OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	F. Clauss, <u>Solid Lubricants and Self-Lubricating Solids</u> , (1972) at pp. 1, 19-22, 42-54, 75-77, 80-81, 82, 90-102, 113-120, 128
AS	K. Ludema, <u>Friction, Wear, Lubrication</u> , A Textbook in Tribology (1996) at pp. 129, 125, 27.
AT	R. Weast (Ed.), <u>Handbook of Chemistry and Physics</u> , CRC Press (1975) at pp. F-22.

Examiner

Date Considered

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SUBSTITUTE DISCLOSURE STATEMENT FORM (PTO 1449)

LIST OF CITATIONS BY APPLICANT (Use several sheets if necessary)	Atty. Docket No. 1596C9	Serial No. 09/---- 105,575
	Applicant: Ernest L. Lawton et al.	
	Filing Date November 3, 2000	Group Art Unit 1774

U.S. PATENT DOCUMENTS

AA	5,132,254	07/21/92	Stempin et al.	501	32	
AB	5,188,757	02/23/93	Paine, Jr. et al.	252	183.11	
AC	5,204,295	04/20/93	Paine, Jr. et al.	501	96	
AD	5,206,085	04/27/93	Nakagawa et al.	428	372	
AE	5,217,778	06/08/93	LaCasse	428	64	
AF	5,219,656	06/15/93	Klett et al.	428	378	
AG	5,230,951	07/27/93	Birchall et al.	428	292	
AH	5,232,970	08/03/93	Solc et al.	524	404	
AI	5,236,777	08/17/93	Inoguchi et al.	428	268	
AJ	5,240,770	08/31/93	Moriga et al.	428	372	
AK	5,246,746	09/21/93	Michalske et al.			

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass,	Translation Yes	No
AL	9-241397A	1997	JAPAN				X	
AM	9255374A	1998	JAPAN (Abstract)					
AN	9291474A	1998	JAPAN (Abstract)					
AO	859400B	1997	SOVIET UNION (Abstract)					
AP	670 105 A5	08/01/86	SWITZERLAND				X	

OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	W. Campbell, "Solid Lubricants," <u>Boundary Lubrication; An Appraisal of World Literature</u> , ASME Research Committee on Lubrication (1969) at pp. 197-203
AS	"PolarTherm® Thermally Conducive Fillers for Polymeric Materials", a Technical Bulletin of Advanced Ceramics Corp. of Lakewood, Ohio (1996)
AT	H. Katz et al. (Ed.), <u>Handbook of Fillers and Plastics</u> , "2. Principles of Filler Selection and Use" by T.H. Ferrigno (1987) at pp. 8-10, 28.

Examiner	Date Considered
	5/02

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SUBSTITUTE DISCLOSURE STATEMENT FORM (PTO 1449)

Atty. Docket No. 1596C9	Serial No. 09/----,---- 7051525
LIST OF CITATIONS BY APPLICANT (Use several sheets if necessary)	Applicant: Ernest L. Lawton et al.
	Filing Date November 3, 2000 Group Art Unit 1777

U.S. PATENT DOCUMENTS

Exam. Unit.		Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
	AA	5,354,602	10/11/94	Stranford et al.	428	220	
	AB	5,418,194	05/23/95	Dawes et al.	501	52	
	AC	5,427,986	06/27/95	Chyung et al.	501	92	
	AD	5,541,238	06/30/96	Yamada et al.	523	200	
	AE	5,552,215	07/03/96	Tredway et al.	428	298	
	AF	5,562,966	10/08/96	Clark et al.	428	113	
	AG	5,591,789	01/07/97	Iruvantti et al.	523	515	
	AH	5,672,297	09/30/97	Soane	252	511	
	AI	3,586,063	06/22/71	Bell, Jr. et al.	139	425	
	AJ	5,047,281	09/10/91	Betz et al.	428	201	
	AK	5,707,734	01/13/98	Hawkins et al.	428	372	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes	No
	AL	2 503 766	<i>Undated</i>	FRANCE (Abstract)				
	AM	9-268034	10/1997	JAPAN			X	
	AN	8-012380	01/1996	JAPAN (Abstract)				
	AO							
	AP							

OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	"ORPAC BORON NITRIDE RELEASECOAT-CONC", a technical bulletin of ZYP Coatings, Inc.
	AS	ASTM Designation: C-177-85 Standard Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of the Guarded-Hot-Plate Apparatus ¹ (1993)
	AT	T. Perros, <u>Chemistry</u> , (1967) at pp. 186-187

Examiner	Date Considered
	5/02

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SUBSTITUTE DISCLOSURE STATEMENT FORM (PTO 1449)

	Atty. Docket No. 1596C9	Serial No. 09/---, --- 765,575
LIST OF CITATIONS BY APPLICANT (Use several sheets if necessary)	Applicant: Ernest L. Lawton et al.	
	Filing Date November 3, 2000	Group Art Unit 1724

U.S. PATENT DOCUMENTS

Exam. Unit.		Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
	AA	4,530,876	07/23/85	Brodmann et al.	428	283	
	AB	4,752,527	06/21/88	Sanzero et al.	428	391	
	AC	4,789,593	12/06/88	Das	428	391	
	AD	5,038,555	08/13/91	Wu et al.	57	249	
	AE	5,286,562	02/15/94	Girgis	428	391	
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FOREIGN PATENT DOCUMENTS

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	AL							
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OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	J. Mitchell, <u>Fundamentals of Soil Behavior</u> , (1976) at pp. 32-34
	AS	H. Van Olphen, <u>Clay Colloid Chemistry</u> , (2d Ed. 1977) at pp. 57-63
	AT	<u>Minerals in Soil Environments</u> , Soil Science Society of America (1977) at pp. 196-199

Examiner	Date Considered
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SUBSTITUTE DISCLOSURE STATEMENT FORM (PTO 1449)

	Atty. Docket No. 1596C9	Serial No. 09/---- 7051575
LIST OF CITATIONS BY APPLICANT (Use several sheets if necessary)	Applicant: Ernest L. Lawton et al.	
	Filing Date November 3, 2000	Group Art Unit 1774

U.S. PATENT DOCUMENTS

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	AO							
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OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>Jay</i>	AR	R. Evans, <u>An Introduction to Crystal Chemistry</u> , (1948) at pp. 275-276
<i>Jay</i>	AS	<u>Electronic Materials Handbook™</u> , Vol. 1 Packaging ASM International (1989) at pp. 534-537, 113-115.
<i>Jay</i>	AT	<u>Webster New Collegiate Dictionary</u> , (1977) at pp. 1178

Examiner	<i>Jay M. S. J.</i>	Date Considered
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SUBSTITUTE DISCLOSURE STATEMENT FORM (PTO 1449)

	Atty. Docket No. 1596C9	Serial No. 09/--- 705,528
LIST OF CITATIONS BY APPLICANT (Use several sheets if necessary)	Applicant: Ernest L. Lawton et al.	
	Filing Date November 3, 2000	Group Art Unit 1724

U.S. PATENT DOCUMENTS

Exam. Init.		Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
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OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>JM</i>	AR	R. Tummala (Ed.), <u>Microelectronics Packaging Handbook</u> , 1989 at pp. 895-897, 905, 906, 36, 37, 3, 174
<i>JM</i>	AS	I. Rubin, <u>Handbook of Plastic Materials and Technology</u> , (1990) at pp. 955-1062, 1179-1215 and 1225-1271.
<i>JM</i>	AT	R. Weast (Ed.), <u>CRC Handbook of Chemistry and Physics</u> , CRC Press (71st Ed. 1990) at pp. 4-158, 12-63

Examiner

Date Considered

5/82

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SUBSTITUTE DISCLOSURE STATEMENT FORM (PTO 1449)

	Atty. Docket No. 1596C9	Serial No. 09/---,--- 705378
LIST OF CITATIONS BY APPLICANT (Use several sheets if necessary)	Applicant: Ernest L. Lawton et al.	
	Filing Date November 3, 2000	Group Art Unit 1774

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OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	ASTM Designation: C-518-91 Standard Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus ¹
AS	G. Slack, "Nonmetallic Crystals with High Thermal Conductivity", <u>J. Phys. Chem. Solids</u> (1973) Vol. 34, pp. 321-335
AT	A. Weimer (Ed.), <u>Carbide, Nitride and Boride Materials Synthesis and Processing</u> , (1997) at pp. 654, 653

Examiner	Date Considered
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SUBSTITUTE DISCLOSURE STATEMENT FORM (PTO 1449)

		Atty. Docket No. 1596C9	Serial No. 09/----,---- 705,575
LIST OF CITATIONS BY APPLICANT (Use several sheets if necessary)		Applicant: Ernest L. Lawton et al.	
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U.S. PATENT DOCUMENTS

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OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>JL</i>	AR	W. Callister, <u>Materials Science and Engineering An Introduction</u> , (2d Ed. 1991) at pp. 637, 662
<i>JL</i>	AS	" WebElements" http://www.shef.ac.uk/~chem/web-elents/nofr-image-1/hardness-minerals-1.html (February 26, 1998)
<i>JL</i>	AT	" BRAZE STOP-OFF PAINT" ZYP COATINGS, Inc. technical bulletin

Examiner	<i>M. A.</i>	Date Considered
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SUBSTITUTE DISCLOSURE STATEMENT FORM (PTO 1449)

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OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>JM</i>	AR	"BORON NITRIDE LUBRICOAT®" ZYP Coatings, Inc. technical bulletin
<i>JM</i>	AS	"WELD SPATTER RELEASE" ZYP Coatings, Inc. technical bulletin
<i>JM</i>	AT	"BORON NITRIDE LUBRICOAT®-BNW" , ZYP Coatings, Inc. technical bulletin

Examiner	<i>JM</i>	Date Considered
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SUBSTITUTE DISCLOSURE STATEMENT FORM (PTO 1449)

	Atty. Docket No. 1596C9	Serial No. 09/---,--- 703,575
LIST OF CITATIONS BY APPLICANT (Use several sheets if necessary)	Applicant: Ernest L. Lawton et al.	
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U. S. PATENT DOCUMENTS

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AP							

OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	" New Lubricating Materials Halves Friction" , <u>Inside R&D/Copyright</u> (June 25, 1997) at pp. 1-2
AS	" Hollow Nanoparticles Excel in Lubrication" , <u>C&EN</u> (June 23, 1997) at pp. 9-10
AT	J. Halling, <u>Principles of Tribology</u> , (1975) at pp. 134-139

Examiner	Date Considered
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	AL							
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OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>JL</i>	AR	J. Fernando et al., "Effect of Boron Nitride Coating on the Tensile Strength of Nextel 480™ Fiber", <u>Materials Science and Engineering A154</u> (1992) 103-108
<i>JL</i>	AS	R. Singh et al., "Effect of Boron Nitride Coating on Fiber-Matrix Interactions", <u>Advanced Ceramic Materials</u> , Vol. 3, No. 3 (1988) 235-237
<i>JL</i>	AT	E. Einset et al., "Processing Conditions for Boron Nitride Coatings in Fiber bundles via Chemical Vapor Disposition", <u>J. Am. Ceram Society</u> , 77 [12] (1994) 3081-3086

Examiner	<i>M. J. May</i>	Date Considered
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FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes	No
	AP							

OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>Jay</i>	AR	S. Campbell et al., "In-situ Formation of Boron Nitride Interfaces on Nextel 312™ Continuous Ceramic Fiber I: Nitriding Process and Blackglas™ Ceramic Matrix Composite Properties" Allied Signal pp. 327-336
<i>Jay</i>	AS	Shen et al., "Characterization of Dip Coated Boron Nitride on Silicon Carbide Fibers", J. Am. Ceram Society, 77 [4] 1011-1016 (1994).
<i>Jay</i>	AT	J. Brennan, "Interfaces in BN Coated Fiber Reinforced Glass-Ceramic Matrix Composites", 31 Scripta Metallurgica et Materialia, No. 8 (1994) pp. 959-964.

Examiner	<i>M. Jay</i>	Date Considered
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LIST OF CITATIONS BY APPLICANT (Use several sheets if necessary)	Applicant: Ernest L. Lawton et al.	
	Filing Date November 3, 2000	Group Art Unit 1724

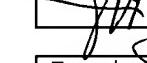
U.S. PATENT DOCUMENTS

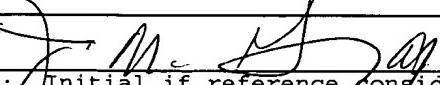
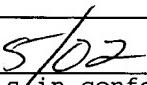
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	AN							
	AO							
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OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	D. Cranmer, "Fiber Coating and Characterization", 68 Ceramic Bulletin, No. 2 (1989) pp. 415-419.
	AS	Kirk-Othmer ENCYCLOPEDIA OF CHEMICAL TECHNOLOGY, 2d Ed., 1967, Vol. 12, pp. 588-596
	AT	R. Weast (Ed), HANDBOOK OF CHEMISTRY AND PHYSICS, CRC Press 1975, pp. 12-54, F-166, D-171.

Examiner 	Date Considered 
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SUBSTITUTE DISCLOSURE STATEMENT FORM (PTO 1449)

Atty. Docket No. 1596C9	Serial No. 09/---, --- 705576
LIST OF CITATIONS BY APPLICANT (Use several sheets if necessary)	Applicant: Ernest L. Lawton et al.
	Filing Date November 3, 2000 Group Art Unit 1774

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Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
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AR	Kirk-Othmer ENCYCLOPEDIA OF CHEMICAL TECHNOLOGY, 2d Ed, 1964, Vol. 3, pp. 678-679
AS	Kirk-Othmer ENCYCLOPEDIA OF CHEMICAL TECHNOLOGY, 2d Ed., 1964, Vol. 4, pp. 158-162, 203, 217, 304-307, 330-331
AT	Sulzer Ruti L5000 Product Bulletin

Examiner	Date Considered
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SUBSTITUTE DISCLOSURE STATEMENT FORM (PTO 1449)

		Atty. Docket No. 1596C9	Serial No. 09/575, --- 705575
LIST OF CITATIONS BY APPLICANT (Use several sheets if necessary)		Applicant: Ernest L. Lawton et al.	
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OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>JM</i>	AR	Sulzer Ruti L5200 Air-Jet Weaving Machine Product Bulletin
<i>JM</i>	AS	IPC-EG-140 " Specification for Finished Fabric Woven from " E" Glass for Printed Boards, page 1, publication of THE INSTITUTE FOR INTERCONNECTING AND PACKAGING ELECTRONIC CIRCUITS (June 1997) .
<i>JM</i>	AT	IPC-TM-650 Test Methods Manual, THE INSTITUTE FOR INTERCONNECTING AND PACKAGING ELECTRONIC CIRCUITS (Dec. 1994) .

Examiner <i>J. M. Day</i>	Date Considered <i>5/02</i>
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Atty. Docket No. 1596C9	Serial No. 09/---- 705575
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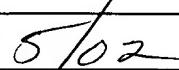
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	AR	"Fabrics Around the World", Technical Bulletin of Clark-Schwebel, Inc. (1995)
	AS	MICROELECTRONICS PACKAGING HANDBOOK, R. Tummala et al. (Ed.) (1989) at pp. 25-43, 174, 858-861, and 885-909.
	AT	PRINTED CIRCUITS HANDBOOK, C. Coombs Jr., 3d Ed. by Hewlett-Packard Company, pp. 6.1-6.14.

Examiner 	Date Considered 
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<i>JM</i>	AR	"Silane Coupling Agents by E. P. Plueddemann of Dow Corning Corporation (1982), pp. 146-147.
<i>JM</i>	AS	IPC-4101 "Specification for Base Materials for Rigid and Multilayerf Printed Boards" (Dec. 1997)
<i>JM</i>	AT	K. Loewenstein, <u>The Manufacturing Technology of Glass Fibers</u> , (3d Ed. 1993) at PP. 25, 27 and 47-60.

Examiner	<i>J. M. Day</i>	Date Considered
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SM	AP							

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SM	AR	DATABASE INSPEC Institute of Electrical Engineers, Insp No. 6242125, Bruce Novich entitled " Hybon RCY Yarns: A Laminate Reinforcement Developed for Printed Circuit Boards, CircuiTree, March 1999, Vol 12, No. 3, Page 44, 46, 51
SM	AS	Patent Abstracts of Japan, Vol. 14, No. 423, Sept. 1990, Pub. No. 02160944, Pub. Date 06/1990 entitled " Printed Circuit Board and Fabric Therefor" .
SM	AT	USSN 09/----,---- entitled " Impregnated Glass Fiber Strands and Products Including the Same" , Ernest L. Lawton et al, filed November 3, 2000 (Atty Docket No. 1596C7)

Examiner	<i>J. M. S. Ag</i>	Date Considered
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SUBSTITUTE DISCLOSURE STATEMENT FORM (PTO 1449)

	Atty. Docket No. 1596C9	Serial No. 09/---, --- 705675
LIST OF CITATIONS BY APPLICANT (Use several sheets if necessary)		Applicant: Ernest L. Lawton et al.
	Filing Date November 3, 2000	Group Art Unit 1774

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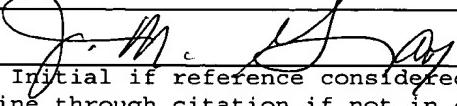
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AR	USSN 09/---, --- entitled "Impregnated Glass Fiber Strands and Products Including the Same", Ernest L. Lawton et al, filed November 3, 2000 (Atty Docket No. 1596C8)
AS	USSN 09/---, --- entitled "Impregnated Glass Fiber Strands and Products Including the Same", Ernest L. Lawton et al, filed November 3, 2000 (Atty Docket No. 1596C10)
AT	USSN 09/---, --- entitled "Impregnated Glass Fiber Strands and Products Including the Same", Ernest L. Lawton et al, filed November 3, 2000 (Atty Docket No. 1596C11)

Examiner		Date Considered
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SUBSTITUTE DISCLOSURE STATEMENT FORM (PTO 1449)

		Atty. Docket No. 1596C9	Serial No. 09/----,---- <i>705,570</i>
LIST OF CITATIONS BY APPLICANT (Use several sheets if necessary)		Applicant: Ernest L. Lawton et al.	
		Filing Date November 3, 2000	Group Art Unit <i>1774</i>

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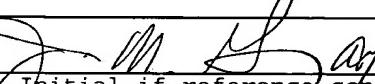
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AR	USSN 09/----,---- entitled "Impregnated Glass Fiber Strands and Products Including the Same", Ernest L. Lawton et al, filed November 3, 2000 (Atty Docket No. 1596C12)
AS	USSN 09/----,---- entitled "Impregnated Glass Fiber Strands and Products Including the Same", Ernest L. Lawton et al, filed November 3, 2000 (Atty Docket No. 1596C13)
AT	USSN 09/----,---- entitled "Impregnated Glass Fiber Strands and Products Including the Same", Ernest L. Lawton et al, filed November 3, 2000 (Atty Docket No. 1596C14)

Examiner 	Date Considered <i>5/02</i>
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